S,C.

Notice of Allowability	Application No.	Applicant(s)
	10/010,660	NODA ET AL.
	Examiner	Art Unit
	Melvin Curtis Mayes	1734
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to	olication. If not included will be mailed in due course. THIS
1. This communication is responsive to		
2. The allowed claim(s) is/are 25-28 and 31-36.		
3. \boxtimes The drawings filed on <u>06 December 2001</u> are accepted by	the Examiner.	
 4. ☐ Acknowledgment is made of a claim for foreign priority ur a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 4. Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be subman INFORMAL PATENT APPLICATION (PTO-152) which give 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the deposit of the priority of the priority documents attached Examiner's comment regarding REQUIREMENT in the priority documents and priority documents are completed by the priority documents have a priority document and priority documents have a priority document and priority documents have a priority document and priority documents have a priorit	e been received. be been received in Application No cuments have been received in this received in thi	complying with the requirements S AMENDMENT or NOTICE OF tion is deficient. 948) attached ffice action of the back) of the submitted. Note the
 Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date	6. ☐ Interview Summary Paper No./Mail Date Pa	ė

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REASONS FOR ALLOWANCE

(1)

The following is an examiner's statement of reasons for allowance: The closest prior art of record, JP 8-234021, discloses lithium niobate or lithium tantalate prisms bonded via a joining layer of inorganic compound of metallic oxide, nitride, sulfide or combination (TiO₂, ZrO₂, Ta₂O₅, WO₃, Bi₂O₃, CeO₂, HfO₂, In₂O₃, NdO₃, PbO₃, ZnO, Si₃N₄, ZnS, MoO₃, SnO₂, Sb₂O₃), while EPA 0 567 051 discloses bonding via a thin film of glass, silicon, silicon oxide or silicon nitride. The prior art of record does not disclose or suggest a bonded article of two substrates, at least one comprising a single crystal, with a bonding layer between the substrates comprising a composite oxide comprising at least one alkali metal element and at least one transition metal element resulting from the use of an aqueous solvent, the bonding layer having a thickness of not more than 5 microns.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

(2)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvin Curtis Mayes whose telephone number is 571-272-1234. The examiner can normally be reached on Mon-Fri 7:30 AM - 4:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Fiorilla can be reached on 571-272-1187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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